Final Bill

14/8/14.

M. A. R. 57 (Rule 116)
Measurement Book

BR - 290/28/8/14.

No. B 251336

Improvements to Roads and Drains at Mallesh waram Block Surroundings in ward NO-10.

From ..... To .....

Name and nature of Agency ..... K.R.I.D.L

Commencement of work .....

Description, etc, of work	Dimensions				Contents	Reference to last Measurement
	Number	Length	Breadth	Depth		
2	3	4	5	6	7	8
Work Code NO:	010-14-000025.					
Agreement NO;	462, Date 21/02/2014.					
Work order NO;	EE/BTP/KRIDL/MLO/462/2013-14, Date 21/2/2014.					
Address of Agency;	#119, 14th Cross, Silvestra arched 3rd floor. East Park road, Malleshwaram Bangalore-560003.					

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measuremen
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
	1) Earth work excavation by manual means in hard soil involving an average horizontal throw upto 2 meters and an average lift upto 0.5m, excavated surface levelled and sides neatly						
	6th Cross Muneshwara Block	1	30.00	$\frac{(4.3+4.10)}{2}$	0.10	= 12.60 Cum	
		1	30.00	$\frac{(4.10+3.8)}{2}$	0.10	= 11.85 Cum	
		1	30.00	$\frac{(3.8+3.8)}{2}$	0.10	= 11.40 Cum	
		1	30.00	$\frac{(3.8+3.9)}{2}$	0.10	= 11.55 Cum	
		1	30.00	$\frac{(3.9+3.8)}{2}$	0.15	= 17.33 Cum	
		1	30.00	$\frac{(3.8+4.0)}{2}$	0.15	= 17.66 Cum	
					Total	= 82.39 Cum	

Assistant Executive Engineer
Vidyaranyapura Sub Division, Bangalore

M. A. R. 57 (Rule 116)
Measurement Book

No. B 251337

From..... To.....

Nature of Agency .....

Name of work .....

Date	Particulars description, etc, of work	Dimensions				Contents	Reference to last Measurement
	2	Number 3	Length 4	Breadth 5	Depth 6	7	8
	Qty limited to Tender @ Rs 90.72					= 81.00 Cum	Rs 7348.00
	Construction of embankment with approved material gravel/murrum with all lifts and leads transporting to site spreading, grading to required slope and compacting to meet						
		L —	30.00	(4.3+4.10)/2	0.15	= 18.90 Cum	
		L —	30.00	(4.10+4.39)/2	0.15	= 18.90 Cum	

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BBMP, Bangalore - 9

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurem
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
		1 —	30.00	$\frac{(4.3+4.0)}{2}$	0.15 =	18.90 Cum	
		1 —	30.00	$\frac{(4.60+4.20)}{2}$	0.15 =	18.68 Cum	
		1 —	30.00	$\frac{(4.2+4.30)}{2}$	0.15 =	19.13 Cum	
		1 —	30.20	$\frac{(4.3+4.40)}{2}$	0.15 =	19.71 Cum	
					Total =	114.06 Cum	
		@ Rs	166.32			Rs 189[illegible]0.00	

3) Providing and laying in position plain cement concrete of mix M 7.5 with OPC cement @ 180 kgs using 40 mm and down size graded granite metal, coarse aggregates @ 0.85

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BBMP, Bangalo

M. A. R. 57 (Rule 116)
Measurement Book

No. B

251338

From..... To.....

Name and Character of nature of Agency .....

Name of work .....

Reference to last Measurement 8	Full description, etc, of work 2	Dimensions: Number 3	Length 4	Breadth 5	Depth 6	Contents 7	Reference to last Measurement 8
	SSS Maneshwara	1	30.00	(4.3+4.10)/2	0.15	= 18.90 Cum	
		1	30.00	(4.10+4.30)/2	0.15	= 18.90 Cum	
		1	30.00	(4.3+4.10)/2	0.15	= 18.90 Cum	
		1	30.00	(4.10+4.20)/2	0.15	= 18.68 Cum	
		1	30.00	(4.2+4.30)/2	0.15	= 19.[illegible]	
		1	30.20	(4.3+4.40)/2	0.15	= 19.71 Cum	
					Total=	114.00 Cum	

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BBMP, Bangalore - 97

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
		@ RS 4290.84				RS 489156.00	
4)	Providing & fixing 20mm thick compressible fibre board in expansion joint complete as per drawing & technical specifications complete as per specifications.	18	4.20			= 75.00 mt	
		@ RS 137.16				RS 10287.00	
5)	providing and laying cement concrete using 20mm and down size granite jelly of ready mixed concrete (RMC) for R.C.C works laid in 15cm thick layers and well compacted vibrating roller 4th Cross Muneshwara Block	1	30.00 (4.3+4.6)	0.15		= 18.90 cum	

Assistant Executive Engineer
Vidyaranyapura

M. A. R. 57 (Rule 116)
Measurement Book

No. B

251339

From..... To.....

Name of Work .....

Nature of Agency .....

Commencement of work .....

Description, etc, of work	Dimensions				Contents	Reference to last Measurement
	Number	Length	Breadth	Depth		
2	3	4	5	6	7	8
	1	30.00 $\frac{(4.1+4.30)}{2}$		0.15 =	18.90 Cum	
	1	30.00 $\frac{(4.3+4.10)}{2}$		0.15 =	18.90 Cum	
	1	30.00 $\frac{(4.10+4.20)}{2}$		0.15 =	18.68 Cum	
	1	30.00 $\frac{(4.20+4.30)}{2}$		0.15 =	19.13 Cum	
	1	30.20 $\frac{(4.3+4.40)}{2}$		0.15 =	19.71 Cum	
				Total =	114.00 Cum	
@ Rs	6464.88				Rs	736996.00

Executive Engineer
Byatarayanapura Division
Yelahanka Zone, B.B.M.P.
Bangalore - 560 092

Assistant Executive Engineer
Vidyaranyapura Sub Division

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Referer to las Measure
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
.6)	Vaccum De-watering with vaccum pump and Suction mat and compaction with Skim floater Clubbed with floating dasc including cost of generator	1	30.00 $\frac{(4.3+4.10)}{2}$			= 126.00 Sqmt	
		1	30.00 $\frac{(4.10+4.30)}{2}$			= 126.00 Sqmt	
		1	30.00 $\frac{(4.3+4.10)}{2}$			= 126.00 Sqmt	
		1	30.00 $\frac{(4.10+4.20)}{2}$			= 124.50 Sqmt	
		1	30.00 $\frac{(4.2+4.30)}{2}$			= 121.50 Sqmt	
		1	30.20 $\frac{(4.3+4.40)}{2}$			= 131.37 Sqmt	
						Total = 760.00 Sqmt	
	@ Rs 91.80					Rs 69768.00	

Assistant Executive Engi
Vidyaranyapura Sub Div
BWSSB, Bangalore - 9

M. A. R. 57 (Rule 116)
Measurement Book

No. B

251340

From..... To.....

Name of Contractor or nature of Agency .....

Name of work .....

Reference to last Measurement 8	Particulars, etc, of work 2	Dimensions: Number 3	Length 4	Breadth 5	Depth 6	Contents 7	Reference to last Measurement 8
	Disposal of Debris shall be payable at Carriage rates by mechanical means including loading and unloading.						
	Qty vide Item No-01					= 81000 Cum	
	@ Rs 72.71					Rs	5890.00
	for third Party inspection charges					Rs	13384.00
	for K.R.I.D.L Service charges					Rs	147225.00
						Total Rs	1499014.00

Assistant Engineer / Executive Engineer 28/8/2014

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
	Certificate: Certified that the above works done satisfactory and no-materials issued from departmentally Jadhav AE 28/8/2014.						

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Assistant Executive Engineer
Vidyaranyapura Sub Division
BBMP, Bangalore - 97

M. A. R. 57 (Rule 116)
Measurement Book

No. B

251341

From..... To.....

Name of nature of Agency .....

Date of commencement of work .....

Reference to last Measurement 8	Particulars, etc, of work 2	Dimensions: Number 3	Length 4	Breadth 5	Depth 6	Contents 7	Reference to last Measurement 8
	Sketch showing the locations of work done SPAF						~~Some Bhyrasandra~~
	Doddabommasandra Main road						
	Muruchwara Block.					~~Refuse from~~	⇒ CC Road
	IInd Cross						
	IIIrd Cross						
	IVth Cross						
	Vth Cross						
	80.2014						
	VIth Cross						

Assistant Executive Engineer
Hidrenahalli Sub Division